



Applicant(s): Stefan M. Pulst
Serial No. 08,981,998
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NUCLEIC ACID ENCODING SPINOCEREBELLAR ATAXIA-2 AND
PRODUCTS RELATED THERETO
Attorney Docket No. 256.00010120

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APPENDIX B
AMENDED CLAIMS IN CLEAN FORM

- Sub G1
1. Isolated mouse or human nucleic acid encoding [a mammalian] an SCA2 polypeptide.
6. (Amended) DNA according to claim 2, wherein said DNA has at least 90% homology to the SCA2 coding portion set forth in SEQ ID NO:2, or the SCA2 coding portion set forth in SEQ ID NO:4.
61. (Amended) The isolated nucleic acid of claim 1, wherein the nucleotide sequence is set forth at SEQ ID NO:4.
62. (New) An isolated nucleic acid, wherein the nucleic acid hybridizes under high stringency conditions to nucleotides 1 - 516 of SEQ ID NO:1, nucleotides 163-4098 of SEQ ID NO:2, or nucleotides 50-3454 of SEQ ID NO:4, wherein the isolated nucleic acid encodes an SCA2 polypeptide.
63. (New) An isolated nucleic acid, wherein the nucleic acid hybridizes under high stringency conditions to nucleotides 50-3454 of SEQ ID NO:4, wherein the isolated nucleic acid encodes an SCA2 polypeptide.

Appendix B

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64. (New) An isolated nucleic acid, wherein the nucleic acid hybridizes under high stringency conditions to nucleotides 1 - 516 of SEQ ID NO:1, or nucleotides 163-4098 of SEQ ID NO:2, wherein the isolated nucleic acid encodes an SCA2 polypeptide.

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